

State Indicators

S-16 Associate's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old

Description

This indicator represents the extent to which a state provides associate's-level training in science and engineering fields, controlling for the size of its college-age population. The cohort 18–24 years old was chosen to approximate the age range of most students who are pursuing an associate's degree.

Educational attainment in an S&E field provides the advanced skills and technical expertise needed for a competitive workforce. A skilled workforce is important for a region's innovative capacity, productivity, and technological growth.

The National Center for Education Statistics counts the number of associate's degrees awarded in S&E fields. S&E fields include the physical, life, earth, ocean, atmospheric, computer, and social sciences; mathematics; engineering; and psychology. They do not include medical fields or technologies. Associate's degrees are awarded at both 2-year and 4-year institutions in the United States, and the data include degrees from both public and private institutions. These values are reported by the state in which the school is located.

Estimates of the population aged 18–24 are provided by the U.S. Census Bureau based on the 2000 and 2010 Decennial Censuses and are reported by the state of residence. Each year, the Census Bureau utilizes current data on births, deaths, and migration to calculate population change since the most recent decennial census and produces time series of estimates of population. Because these are estimates, small differences in the indicator value between states or across time generally are not meaningful. Estimates for states with smaller populations are generally less precise than estimates for states with larger populations.

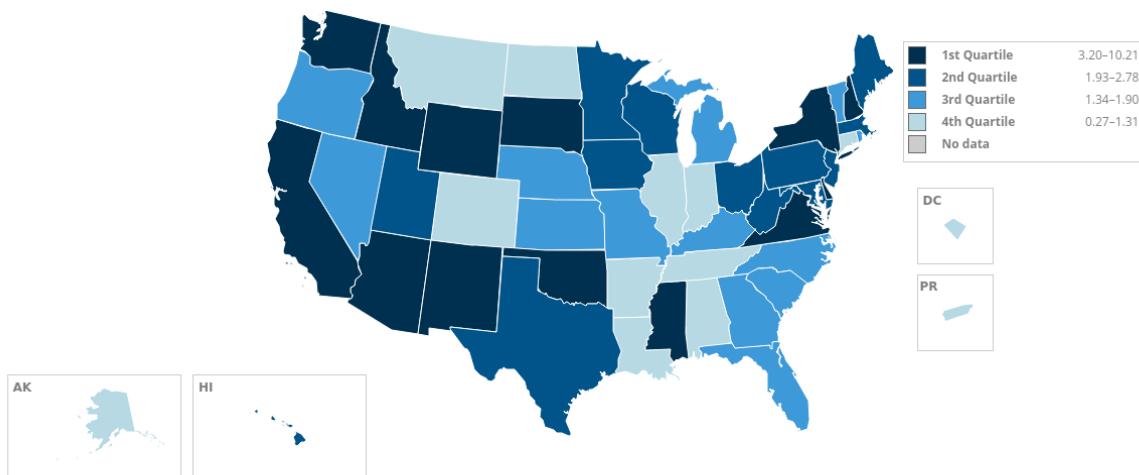
Because students may move across state lines after receiving their associate's degree, this indicator does not necessarily predict the qualifications of a state's future technical workforce.

Data sources: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System; U.S. Census Bureau, 2000 and 2010 Decennial Censuses and Population Estimates Program.

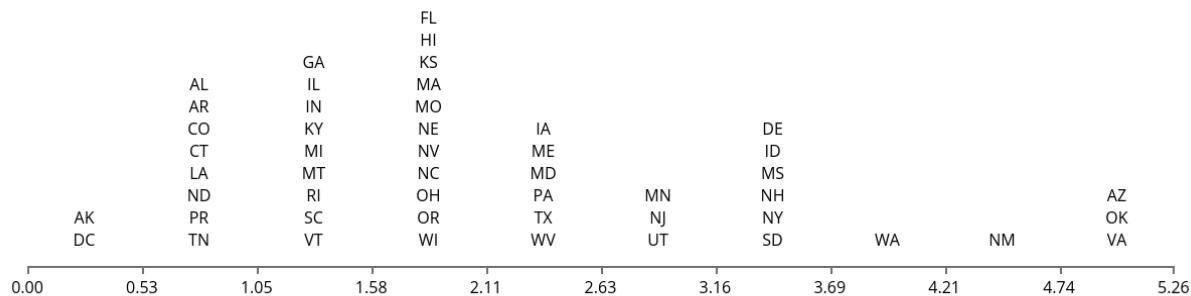
State Indicators

S-16 Associate's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old

2018



Distribution of states across indicator values, 2018



Histograms do not display states with extreme values. Please consult the data tables for exact indicator values for each state. State positions on the histogram are based on unrounded values of the indicator and may not always match the rounded values displayed in the table.

State Indicators

Associate's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old

(Degrees)

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	1.39	1.60	1.78	2.14	2.03	1.83	1.66	1.57	1.61	1.76
Alabama	1.30	1.43	1.58	1.94	1.63	1.39	1.11	0.77	0.81	0.77
Alaska	0.05	0.00	0.00	0.91	0.51	0.27	0.43	0.22	0.19	0.18
Arizona	1.52	1.86	1.99	2.37	2.65	2.37	2.19	2.47	4.26	8.23
Arkansas	0.69	0.61	0.75	1.05	0.79	0.78	0.83	0.77	0.61	0.74
California	2.25	2.15	2.48	2.80	2.58	2.42	2.39	2.41	2.53	2.89
Colorado	1.39	1.66	1.87	1.72	1.53	1.17	0.74	0.62	0.66	1.11
Connecticut	0.42	0.44	0.57	0.82	0.78	0.87	0.71	0.53	0.53	0.57
Delaware	1.09	0.99	0.82	0.86	1.45	1.42	1.85	1.53	1.08	1.47
District of Columbia	0.94	2.98	3.31	2.55	3.04	0.55	2.68	2.04	1.68	1.25
Florida	0.71	1.50	1.33	2.75	2.26	2.03	1.50	1.25	1.00	0.93
Georgia	0.25	0.32	0.43	1.34	1.47	1.14	1.12	0.92	0.92	0.92
Hawaii	1.69	1.55	1.51	2.69	2.37	2.19	1.67	1.87	1.17	1.22
Idaho	2.98	3.61	3.25	2.79	2.37	1.48	1.20	1.24	1.49	1.41
Illinois	0.41	0.57	0.61	1.39	1.14	1.32	1.14	1.03	0.98	0.79
Indiana	1.18	1.19	1.61	1.69	1.64	1.59	1.50	1.26	1.21	1.33
Iowa	0.64	1.09	1.44	2.49	2.58	2.30	2.22	2.26	2.20	2.41
Kansas	3.38	3.18	3.00	2.97	1.93	1.90	1.58	1.53	1.49	1.43
Kentucky	1.02	1.21	1.56	1.72	1.79	1.57	1.43	1.48	1.20	1.24
Louisiana	1.05	1.57	1.14	1.20	1.17	1.23	0.80	0.73	0.65	0.59
Maine	0.52	0.76	0.92	0.67	1.00	0.53	0.56	0.58	0.72	0.50
Maryland	0.59	0.63	0.65	0.88	0.86	0.98	0.82	0.74	0.81	0.92
Massachusetts	1.13	1.07	1.52	1.55	1.64	1.31	1.01	0.99	0.97	1.06

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Michigan	1.08	1.38	1.55	1.61	1.54	1.57	1.53	1.56	1.68	2.04
Minnesota	1.14	1.56	1.74	2.62	2.26	2.13	1.78	1.70	1.72	1.87
Mississippi	0.96	1.15	1.85	1.51	1.79	1.65	1.33	1.57	1.58	1.54
Missouri	1.22	1.48	1.74	2.73	2.23	1.72	1.43	1.32	1.44	1.50
Montana	1.78	1.95	2.28	2.31	2.01	1.59	1.69	1.28	1.65	1.27
Nebraska	2.51	3.14	3.48	2.72	2.34	2.60	1.95	1.82	1.74	1.82
Nevada	0.54	0.80	1.30	1.40	1.39	1.18	1.19	1.32	1.23	1.24
New Hampshire	2.70	3.05	3.04	2.52	2.59	2.16	1.90	2.21	1.95	2.12
New Jersey	2.12	1.66	1.96	1.96	1.93	1.62	1.46	1.28	1.27	1.29
New Mexico	1.27	2.09	1.42	1.65	1.54	1.52	1.66	1.75	1.60	1.60
New York	2.23	2.87	2.75	2.98	2.57	2.26	1.91	1.69	1.62	1.63
North Carolina	0.48	0.72	1.02	2.04	1.91	1.58	1.39	1.07	0.89	0.99
North Dakota	0.63	1.10	0.91	1.31	1.73	1.03	0.77	0.90	1.14	0.94
Ohio	1.36	1.49	1.80	2.24	2.36	2.01	1.99	1.76	1.92	1.90
Oklahoma	2.49	2.69	2.59	3.07	3.08	3.47	3.30	3.40	3.10	3.04
Oregon	0.90	0.85	1.01	1.29	1.39	1.11	1.11	0.86	0.76	1.01
Pennsylvania	1.76	1.93	2.61	2.51	2.45	2.27	2.07	1.97	1.89	1.89
Rhode Island	2.61	2.44	3.01	2.68	2.67	2.56	2.38	2.13	2.25	2.14
South Carolina	1.06	1.10	1.18	1.27	1.08	1.09	0.95	0.86	0.89	0.86
South Dakota	2.03	1.96	2.60	3.48	4.00	2.37	1.88	2.10	1.88	1.91
Tennessee	0.51	0.57	1.03	1.18	1.01	1.05	0.96	0.88	0.87	0.93
Texas	1.24	1.52	1.47	1.72	1.75	1.62	1.49	1.43	1.45	1.45
Utah	1.90	2.13	2.96	2.88	2.70	2.47	2.02	1.97	1.78	1.64
Vermont	2.41	1.90	2.34	2.25	1.88	1.37	1.62	1.13	0.89	1.06
Virginia	1.80	1.91	2.30	2.57	2.56	2.56	2.95	3.00	3.80	3.73
Washington	1.21	1.68	2.20	2.80	3.22	2.32	1.90	1.71	1.77	1.76

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
West Virginia	0.55	1.48	1.57	1.62	1.50	1.43	0.80	1.03	0.94	0.98
Wisconsin	1.13	1.51	1.68	2.79	2.64	2.27	1.91	1.76	1.57	1.64
Wyoming	4.37	5.23	5.52	5.76	5.46	5.42	5.57	5.53	5.74	5.33
Puerto Rico	1.99	1.65	1.42	1.27	1.34	1.06	0.83	0.88	0.82	0.95

Note(s):

The national associate's S&E degrees total for the United States includes U.S. territories. The national population total for the United States includes Puerto Rico.

Source(s):

National Center for Education Statistics, Integrated Postsecondary Education Data System (various years), data as of October 2019; U.S. Census Bureau, 2000 and 2010 Decennial Censuses and Population Estimates Program (various years), data as of June 2019.

Recommended Citation: National Science Board. "Associate's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old." Science and Engineering Indicators: State Indicators. Alexandria, VA: National Science Foundation. <https://ncses.nsf.gov/indicators/states/indicator/se-associates-degrees-per-1000-18-24-year-olds>. Accessed on [date of user access].

Last updated: April 29, 2020

Science and Engineering Indicators

State Indicators

Associate's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old

(Degrees)

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
United States	2.00	2.42	2.67	2.69	2.77	2.88	2.85	3.00	3.20
Alabama	0.86	1.02	1.05	0.98	0.91	0.90	0.74	0.65	0.55
Alaska	0.48	1.25	0.98	1.21	1.01	0.74	0.72	0.83	0.51
Arizona	12.85	17.84	18.76	13.84	11.92	10.03	7.81	6.42	5.00
Arkansas	0.82	0.62	0.59	0.64	0.69	0.74	0.64	0.68	0.98
California	3.23	3.83	4.38	5.26	5.96	6.66	7.75	8.62	10.21
Colorado	1.19	0.89	0.77	0.84	0.82	0.91	0.81	0.79	0.79
Connecticut	0.56	0.64	0.70	0.79	0.78	0.92	0.85	0.94	0.95
Delaware	1.31	1.47	1.55	2.03	2.50	2.51	2.91	3.15	3.46
District of Columbia	0.52	0.53	0.30	0.27	0.39	0.42	0.21	0.19	0.27
Florida	0.94	1.09	1.32	1.60	1.86	1.85	1.56	1.66	1.61
Georgia	1.01	1.31	1.28	1.34	1.35	1.50	1.25	1.27	1.34
Hawaii	1.03	1.05	1.51	1.49	1.54	1.25	1.81	1.93	1.94
Idaho	1.28	1.68	2.90	3.26	3.42	3.20	3.42	3.13	3.20
Illinois	0.91	1.07	1.18	1.17	1.15	1.19	1.04	1.11	1.11
Indiana	1.44	1.91	2.43	2.59	2.72	2.24	1.25	1.24	1.19
Iowa	2.72	3.96	4.47	3.58	3.49	3.21	2.93	2.72	2.32
Kansas	1.41	1.88	1.94	1.52	2.10	2.07	1.73	1.62	1.68
Kentucky	1.46	1.68	1.53	1.28	1.24	1.57	1.28	1.44	1.34
Louisiana	0.76	0.84	0.90	0.89	0.95	0.86	0.67	0.76	0.67
Maine	0.47	0.58	0.55	0.64	2.24	2.73	2.92	2.55	2.51
Maryland	1.37	1.54	1.64	1.51	1.86	2.10	2.07	2.41	2.54
Massachusetts	1.20	1.34	1.56	1.65	1.80	1.90	1.71	2.00	1.93

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
Michigan	2.23	2.47	2.31	2.11	1.94	1.90	1.62	1.62	1.58
Minnesota	2.28	2.64	2.78	2.88	2.74	2.80	2.58	2.66	2.68
Mississippi	1.85	2.42	2.94	2.48	2.77	3.16	3.35	3.43	3.49
Missouri	1.63	1.97	2.15	2.00	1.81	2.00	1.94	1.73	1.74
Montana	1.26	1.80	1.93	1.76	1.86	1.56	1.58	1.51	1.31
Nebraska	1.74	1.67	1.97	2.09	1.98	1.78	1.57	1.74	1.83
Nevada	1.29	2.02	1.83	1.87	2.14	2.27	1.90	1.95	1.86
New Hampshire	2.23	2.36	2.49	2.40	2.22	2.19	2.07	2.44	3.21
New Jersey	1.49	1.64	1.86	1.80	2.01	2.21	2.37	2.40	2.65
New Mexico	1.46	1.71	1.99	2.99	3.32	3.75	3.98	4.77	4.58
New York	1.60	2.06	2.20	2.55	2.66	2.85	2.94	3.15	3.53
North Carolina	1.07	1.44	1.59	1.46	1.48	1.59	1.40	1.54	1.64
North Dakota	1.17	1.21	1.05	1.18	1.10	0.82	0.88	0.78	0.86
Ohio	1.91	2.32	2.40	2.19	1.99	1.99	1.94	1.89	1.96
Oklahoma	3.37	3.99	4.70	4.88	5.08	5.04	4.74	5.23	5.11
Oregon	1.09	1.49	1.72	1.66	1.72	1.91	1.75	1.88	1.90
Pennsylvania	1.99	2.19	2.49	2.38	2.34	2.29	2.18	2.20	2.25
Rhode Island	2.37	2.22	1.76	1.54	1.34	1.53	1.42	1.48	1.36
South Carolina	0.97	1.00	1.57	1.95	1.73	1.86	1.66	1.51	1.39
South Dakota	2.05	2.88	2.61	2.80	2.96	2.84	3.05	3.10	3.43
Tennessee	0.74	0.96	1.24	1.04	1.05	0.98	0.70	0.69	0.69
Texas	1.62	1.77	2.02	2.02	2.00	2.22	2.14	2.40	2.41
Utah	1.85	2.18	2.25	2.17	2.26	2.49	2.65	2.79	2.78
Vermont	1.13	1.63	1.47	1.53	1.53	1.31	1.61	1.41	1.58
Virginia	4.11	4.88	5.42	5.53	5.24	5.58	5.29	5.17	5.26
Washington	2.10	2.43	2.95	3.03	3.16	3.21	3.48	3.71	3.96

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
West Virginia	1.06	1.79	1.59	2.06	1.69	2.30	2.23	2.35	2.49
Wisconsin	1.85	2.40	2.67	2.51	2.22	1.96	2.07	2.00	2.08
Wyoming	5.93	6.06	6.10	6.79	6.44	7.81	7.24	8.20	8.75
Puerto Rico	1.03	0.98	1.03	0.77	1.11	0.97	0.84	1.05	0.93

Note(s):

The national associate's S&E degrees total for the United States includes U.S. territories. The national population total for the United States includes Puerto Rico.

Source(s):

National Center for Education Statistics, Integrated Postsecondary Education Data System (various years), data as of October 2019; U.S. Census Bureau, 2000 and 2010 Decennial Censuses and Population Estimates Program (various years), data as of June 2019.

Recommended Citation: National Science Board. "Associate's Degrees in Science and Engineering Conferred per 1,000 Individuals 18–24 Years Old." Science and Engineering Indicators: State Indicators. Alexandria, VA: National Science Foundation. <https://ncses.nsf.gov/indicators/states/indicator/se-associates-degrees-per-1000-18-24-year-olds>. Accessed on [date of user access].

Last updated: April 29, 2020

Science and Engineering Indicators

State Indicators

S&E associate's degrees

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	38,539	45,358	51,325	62,930	60,246	54,750	49,850	47,485	49,166	54,284
Alabama	573	640	714	885	746	635	509	357	383	367
Alaska	3	0	0	62	37	20	32	16	14	13
Arizona	789	996	1,094	1,328	1,515	1,373	1,295	1,496	2,646	5,179
Arkansas	181	163	205	288	218	215	227	213	171	209
California	7,620	7,504	8,830	10,099	9,435	8,923	8,839	9,011	9,636	11,203
Colorado	601	755	870	802	720	553	355	294	320	541
Connecticut	115	122	162	239	233	266	220	167	170	185
Delaware	83	78	66	71	120	119	157	133	96	132
District of Columbia	69	216	238	182	220	41	206	160	137	106
Florida	954	2,105	1,944	4,154	3,558	3,281	2,480	2,115	1,718	1,611
Georgia	212	275	375	1,185	1,333	1,022	1,022	852	871	891
Hawaii	196	187	188	340	304	285	220	239	150	157
Idaho	417	521	477	419	361	227	185	191	232	219
Illinois	503	707	752	1,723	1,425	1,639	1,407	1,273	1,220	982
Indiana	733	747	1,015	1,081	1,056	1,018	958	801	776	863
Iowa	191	331	443	778	814	720	692	696	675	738
Kansas	935	900	864	870	572	563	468	446	436	413
Kentucky	411	499	646	715	746	652	578	604	488	509
Louisiana	502	761	563	601	593	618	369	342	304	281
Maine	54	81	101	76	115	62	66	67	84	58
Maryland	266	298	315	436	437	505	430	397	441	510
Massachusetts	657	634	917	948	1,011	816	646	645	641	717
Michigan	1,016	1,317	1,498	1,580	1,520	1,542	1,489	1,506	1,629	1,988

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	538	759	865	1,332	1,162	1,097	923	871	880	949
Mississippi	300	364	586	481	571	517	407	477	483	468
Missouri	657	819	983	1,567	1,303	1,004	834	770	845	880
Montana	153	174	210	221	196	157	168	124	160	121
Nebraska	440	562	634	505	441	493	368	337	321	333
Nevada	99	152	255	284	294	261	273	313	300	307
New Hampshire	280	328	338	289	304	260	231	270	240	262
New Jersey	1,443	1,144	1,366	1,385	1,382	1,166	1,062	946	951	984
New Mexico	226	386	271	325	311	308	336	353	323	323
New York	3,948	5,180	4,990	5,480	4,751	4,186	3,561	3,201	3,137	3,201
North Carolina	394	594	851	1,674	1,605	1,349	1,217	943	814	925
North Dakota	46	84	72	107	147	88	66	75	94	76
Ohio	1,447	1,611	1,964	2,467	2,598	2,185	2,160	1,906	2,090	2,090
Oklahoma	893	994	979	1,171	1,190	1,330	1,259	1,292	1,175	1,153
Oregon	298	287	350	450	484	387	389	304	273	364
Pennsylvania	1,938	2,161	2,980	2,917	2,875	2,692	2,484	2,398	2,328	2,369
Rhode Island	280	268	339	304	307	296	278	249	267	257
South Carolina	437	458	501	541	471	477	417	390	411	406
South Dakota	158	156	211	289	339	201	159	173	155	156
Tennessee	281	322	587	675	580	605	548	513	512	557
Texas	2,745	3,475	3,451	4,110	4,228	3,941	3,671	3,539	3,636	3,708
Utah	609	700	989	959	887	806	651	630	569	523
Vermont	137	112	142	141	120	89	106	74	58	69
Virginia	1,233	1,350	1,654	1,893	1,929	1,963	2,306	2,364	3,012	2,980
Washington	681	984	1,325	1,718	1,992	1,442	1,197	1,076	1,140	1,150
West Virginia	95	258	274	283	260	245	135	171	157	165

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	591	806	918	1,554	1,489	1,282	1,080	984	875	910
Wyoming	219	271	298	321	311	307	315	313	327	306
Puerto Rico	855	709	606	537	557	434	331	343	315	360

Science and Engineering Indicators

State Indicators

S&E associate's degrees

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
United States	62,211	76,021	84,785	85,798	87,976	90,589	88,832	92,650	98,513
Alabama	412	491	508	475	440	427	341	297	247
Alaska	36	95	76	96	79	57	54	60	36
Arizona	8,174	11,586	12,443	9,276	8,076	6,791	5,296	4,337	3,440
Arkansas	233	179	171	186	201	211	180	192	274
California	12,703	15,201	17,537	21,053	23,742	26,123	29,799	32,605	38,252
Colorado	582	445	388	430	422	475	425	415	418
Connecticut	185	217	240	274	275	324	297	330	331
Delaware	119	135	144	186	224	218	248	265	290
District of Columbia	45	44	24	21	30	32	16	14	20
Florida	1,640	1,926	2,352	2,868	3,318	3,256	2,732	2,894	2,826
Georgia	985	1,296	1,296	1,348	1,366	1,512	1,253	1,275	1,356
Hawaii	135	139	202	200	204	164	231	239	235
Idaho	198	261	453	512	538	500	540	501	521
Illinois	1,133	1,340	1,484	1,474	1,432	1,467	1,265	1,323	1,309
Indiana	941	1,255	1,617	1,740	1,831	1,498	830	814	779
Iowa	833	1,238	1,416	1,153	1,134	1,043	944	867	740
Kansas	408	548	575	455	632	624	519	481	495
Kentucky	607	708	653	554	533	669	537	602	558
Louisiana	363	400	430	421	441	392	297	330	286
Maine	55	68	64	74	255	306	323	276	269
Maryland	767	872	925	848	1,041	1,158	1,121	1,290	1,352
Massachusetts	822	928	1,086	1,150	1,261	1,331	1,200	1,404	1,358
Michigan	2,175	2,454	2,335	2,154	1,977	1,904	1,597	1,580	1,519

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
Minnesota	1,145	1,331	1,407	1,460	1,396	1,421	1,307	1,338	1,344
Mississippi	565	750	917	783	861	964	1,000	1,009	1,018
Missouri	959	1,164	1,277	1,192	1,073	1,172	1,121	985	986
Montana	120	174	190	176	186	156	158	150	129
Nebraska	317	306	365	391	376	340	301	331	349
Nevada	320	500	459	470	536	563	468	481	462
New Hampshire	275	297	318	309	289	284	267	311	405
New Jersey	1,149	1,277	1,459	1,423	1,587	1,734	1,848	1,855	2,028
New Mexico	298	355	419	634	696	773	806	952	905
New York	3,167	4,105	4,374	5,036	5,177	5,417	5,473	5,759	6,362
North Carolina	1,023	1,379	1,547	1,432	1,450	1,557	1,370	1,509	1,617
North Dakota	95	101	91	106	100	75	78	67	73
Ohio	2,106	2,579	2,679	2,449	2,212	2,181	2,106	2,029	2,093
Oklahoma	1,285	1,538	1,836	1,921	1,991	1,968	1,827	1,991	1,940
Oregon	392	542	630	605	626	692	637	682	694
Pennsylvania	2,514	2,776	3,158	2,996	2,904	2,778	2,595	2,575	2,607
Rhode Island	285	269	213	184	158	178	162	167	151
South Carolina	465	482	760	947	833	885	784	705	649
South Dakota	168	239	220	237	250	238	256	259	286
Tennessee	452	591	778	653	658	607	431	423	423
Texas	4,197	4,642	5,415	5,499	5,500	6,148	5,925	6,651	6,735
Utah	590	701	736	722	755	837	902	970	989
Vermont	74	108	98	103	103	89	109	95	106
Virginia	3,301	3,953	4,427	4,538	4,301	4,546	4,277	4,170	4,238
Washington	1,363	1,599	1,959	2,017	2,096	2,116	2,287	2,432	2,606
West Virginia	179	306	274	356	290	384	362	372	390

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
Wisconsin	1,017	1,326	1,494	1,415	1,257	1,105	1,163	1,114	1,147
Wyoming	334	341	352	398	369	439	396	433	458
Puerto Rico	389	369	382	285	399	339	282	338	282

Science and Engineering Indicators

State Indicators

Individuals 18–24 years old

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
United States	27,744,738	28,423,532	28,908,773	29,340,084	29,719,320	29,849,590	30,001,425	30,197,665	30,579,025	30,909,846
Alabama	442,244	447,963	450,657	456,549	457,934	458,170	459,114	462,996	470,431	476,884
Alaska	57,670	61,774	65,287	68,253	71,882	73,591	74,369	74,383	75,206	73,249
Arizona	519,627	536,018	549,407	559,859	571,196	580,341	591,986	605,860	621,451	629,438
Arkansas	263,749	268,131	272,203	275,122	275,779	274,439	273,882	275,325	278,835	281,953
California	3,391,356	3,488,933	3,557,190	3,608,183	3,661,991	3,684,405	3,700,882	3,742,151	3,812,579	3,882,345
Colorado	433,665	453,712	464,101	466,666	471,390	472,661	477,387	475,931	481,504	485,310
Connecticut	272,527	278,499	285,757	292,790	298,738	306,038	310,891	315,199	320,268	325,143
Delaware	75,953	78,530	80,679	82,204	82,812	83,750	84,759	86,897	88,587	89,792
District of Columbia	73,084	72,568	71,806	71,395	72,344	74,299	76,839	78,528	81,763	84,944
Florida	1,341,695	1,401,785	1,456,250	1,513,146	1,573,346	1,614,399	1,652,892	1,687,966	1,717,154	1,731,012
Georgia	844,819	866,190	877,530	883,347	904,353	898,133	915,634	928,910	948,921	967,705
Hawaii	116,069	120,970	124,630	126,618	128,434	130,135	131,489	127,842	128,537	128,942
Idaho	139,787	144,212	146,715	150,356	152,372	153,122	153,844	154,347	155,327	155,175
Illinois	1,216,712	1,230,513	1,233,528	1,241,064	1,253,340	1,243,356	1,238,706	1,241,440	1,245,766	1,249,006
Indiana	618,678	628,372	631,917	639,311	642,292	639,669	638,724	637,509	643,543	648,815
Iowa	299,309	303,271	306,683	311,990	315,079	313,294	312,319	307,599	307,267	306,811
Kansas	276,874	282,851	288,353	292,928	296,216	296,639	296,431	290,759	292,316	288,906
Kentucky	404,122	411,270	414,048	414,808	417,231	414,078	405,029	407,676	407,552	411,033
Louisiana	476,115	485,975	494,717	501,600	506,373	501,875	459,662	466,575	469,138	473,182
Maine	104,441	107,177	110,043	113,528	115,063	116,655	117,346	116,426	117,246	117,074
Maryland	454,223	470,318	484,638	498,098	508,100	517,295	525,903	535,532	543,624	552,217
Massachusetts	582,419	594,747	602,799	612,982	617,664	623,551	637,145	648,900	661,626	674,971
Michigan	936,873	955,459	968,580	983,181	987,400	982,064	975,541	967,382	970,359	972,787

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minnesota	473,390	486,444	496,503	508,666	513,913	515,385	517,679	512,542	512,238	508,202
Mississippi	312,494	316,243	317,256	318,421	318,565	313,339	306,076	304,284	304,997	304,758
Missouri	539,169	552,622	563,553	574,714	583,646	584,938	583,691	583,425	586,722	588,424
Montana	86,160	89,343	91,911	95,495	97,456	98,622	99,357	96,964	97,094	95,647
Nebraska	175,138	178,947	182,262	185,977	188,301	189,908	188,966	185,312	184,622	183,325
Nevada	182,316	190,232	195,507	202,535	211,757	220,418	229,614	237,590	244,687	246,657
New Hampshire	103,843	107,717	111,142	114,468	117,460	120,104	121,400	121,926	122,815	123,384
New Jersey	679,480	690,374	698,237	707,974	715,500	720,555	729,181	738,538	751,070	761,463
New Mexico	178,009	184,493	191,116	197,243	201,894	202,928	202,027	201,915	201,729	202,410
New York	1,770,901	1,802,422	1,817,402	1,837,040	1,847,979	1,855,760	1,869,014	1,898,728	1,936,825	1,968,102
North Carolina	814,559	824,717	831,246	822,476	841,493	852,278	876,910	883,733	910,643	930,168
North Dakota	73,369	76,459	78,829	81,755	85,049	85,272	85,992	82,958	82,307	81,007
Ohio	1,062,598	1,079,689	1,090,537	1,102,013	1,099,582	1,089,625	1,083,220	1,081,338	1,089,460	1,098,028
Oklahoma	358,278	369,614	377,519	382,018	386,493	383,690	381,715	379,930	378,846	379,849
Oregon	329,918	337,357	344,972	349,353	348,770	349,448	350,178	352,686	356,879	359,611
Pennsylvania	1,099,628	1,121,223	1,140,351	1,160,469	1,173,247	1,183,666	1,200,427	1,214,618	1,231,877	1,252,413
Rhode Island	107,167	109,990	112,756	113,403	115,173	115,595	116,788	117,090	118,410	120,362
South Carolina	411,181	418,111	422,972	426,375	435,193	436,657	440,769	451,135	462,550	472,254
South Dakota	78,009	79,716	81,213	83,126	84,773	84,665	84,428	82,444	82,232	81,791
Tennessee	552,574	563,268	567,742	569,833	575,572	577,652	572,909	584,262	589,192	601,552
Texas	2,213,745	2,283,119	2,340,371	2,386,950	2,420,595	2,434,329	2,463,849	2,477,138	2,511,528	2,548,560
Utah	319,748	328,513	333,724	333,377	328,927	326,725	322,408	320,017	319,576	319,374
Vermont	56,798	58,845	60,590	62,583	63,919	64,910	65,566	65,359	65,116	65,131
Virginia	685,504	706,828	719,251	735,315	753,770	767,898	781,520	787,086	792,590	799,881
Washington	563,285	586,456	602,467	613,184	617,717	622,059	628,998	629,091	642,409	652,077
West Virginia	173,008	174,409	174,600	174,922	173,667	170,930	168,204	166,625	166,170	168,023

State Indicators

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wisconsin	522,855	534,453	545,215	557,344	563,471	565,538	564,587	558,563	555,711	553,763
Wyoming	50,139	51,810	53,946	55,739	56,968	56,693	56,592	56,595	56,979	57,436
Puerto Rico	429,464	430,880	428,065	423,338	417,141	408,044	398,586	389,640	384,751	379,500

Science and Engineering Indicators

State Indicators

Individuals 18–24 years old

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
United States	31,138,496	31,454,470	31,745,935	31,860,323	31,780,671	31,484,453	31,156,469	30,871,364	30,761,088
Alabama	479,740	481,821	485,460	486,952	481,029	471,969	462,636	455,854	452,658
Alaska	75,359	76,122	77,749	79,653	78,581	76,872	74,513	71,961	70,377
Arizona	635,984	649,306	663,209	670,120	677,544	677,130	677,720	675,845	687,396
Arkansas	285,507	289,572	290,876	291,256	290,495	286,985	283,384	280,768	280,578
California	3,931,423	3,968,391	4,003,986	4,002,712	3,981,454	3,922,126	3,844,924	3,783,459	3,745,395
Colorado	490,871	498,496	503,953	510,756	516,916	522,033	524,119	523,965	526,828
Connecticut	331,032	336,805	341,498	345,753	350,380	351,475	351,045	349,600	346,869
Delaware	90,965	92,011	92,701	91,704	89,503	87,019	85,173	84,253	83,808
District of Columbia	86,200	83,458	81,050	78,948	77,572	76,442	75,434	74,750	74,142
Florida	1,744,815	1,772,801	1,784,961	1,791,917	1,782,021	1,764,722	1,751,119	1,747,154	1,754,181
Georgia	974,871	990,079	1,009,652	1,009,737	1,010,717	1,007,186	1,004,108	1,002,499	1,010,347
Hawaii	131,241	132,463	133,470	133,885	132,834	130,822	127,790	123,952	121,243
Idaho	154,301	155,300	156,177	156,842	157,338	156,255	157,994	160,073	162,768
Illinois	1,247,066	1,251,217	1,256,185	1,258,370	1,250,286	1,233,716	1,210,780	1,190,674	1,176,310
Indiana	651,441	658,771	666,510	671,763	672,893	667,558	663,139	656,135	655,977
Iowa	306,682	312,707	316,927	322,215	325,217	324,944	322,483	318,962	319,030
Kansas	288,854	291,078	297,012	300,034	301,568	302,106	299,821	296,023	294,735
Kentucky	415,752	421,512	427,431	432,630	430,245	426,404	420,765	418,447	417,732
Louisiana	474,782	475,240	475,244	473,270	465,277	454,883	442,248	431,863	425,349
Maine	115,973	116,520	116,231	115,090	113,898	112,085	110,516	108,316	107,124
Maryland	559,190	565,253	564,620	563,449	558,816	551,097	542,187	536,349	531,360
Massachusetts	685,109	691,496	694,103	698,023	701,790	700,610	702,085	702,177	701,928
Michigan	976,358	993,269	1,011,213	1,019,665	1,018,821	1,004,210	987,154	973,541	961,939

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
Minnesota	502,802	504,732	506,127	507,489	508,747	507,290	507,279	503,192	501,636
Mississippi	305,781	309,301	312,124	315,267	311,150	305,091	298,461	294,501	291,924
Missouri	589,690	591,692	594,964	596,240	592,599	586,610	577,670	569,997	566,385
Montana	95,082	96,934	98,442	99,800	100,192	99,944	99,808	99,163	98,445
Nebraska	182,508	183,728	185,651	187,347	190,010	191,026	192,084	190,589	190,708
Nevada	248,584	248,034	250,876	251,259	250,685	247,600	245,957	246,087	248,789
New Hampshire	123,541	125,659	127,540	128,818	130,194	129,597	128,892	127,635	126,137
New Jersey	769,333	777,971	784,352	789,885	789,624	785,178	778,350	772,031	766,006
New Mexico	204,668	208,186	210,757	211,741	209,705	206,154	202,747	199,606	197,455
New York	1,983,379	1,991,177	1,989,966	1,975,231	1,949,843	1,903,906	1,863,010	1,828,127	1,800,166
North Carolina	953,298	960,678	973,103	981,112	978,415	976,300	981,850	979,692	983,834
North Dakota	81,249	83,445	86,350	89,750	90,917	91,173	88,227	85,833	84,712
Ohio	1,102,728	1,110,578	1,116,861	1,119,922	1,111,383	1,096,912	1,083,747	1,074,918	1,068,198
Oklahoma	381,590	385,354	390,708	393,382	391,778	390,395	385,275	380,479	379,680
Oregon	358,987	363,151	365,515	364,693	364,941	362,612	363,819	363,629	365,044
Pennsylvania	1,262,531	1,270,186	1,268,565	1,258,661	1,239,240	1,212,353	1,190,916	1,171,415	1,160,282
Rhode Island	120,468	121,024	120,950	119,287	117,879	115,962	114,316	112,877	110,903
South Carolina	477,396	481,439	485,511	485,615	482,047	476,355	470,910	467,924	468,223
South Dakota	81,782	82,976	84,188	84,574	84,411	83,790	83,800	83,423	83,429
Tennessee	607,210	614,961	625,640	628,921	626,570	620,066	613,467	611,847	613,790
Texas	2,583,235	2,626,871	2,682,553	2,718,021	2,754,575	2,771,392	2,774,238	2,775,029	2,796,079
Utah	318,399	321,721	327,217	332,807	333,917	336,653	340,897	347,600	356,310
Vermont	65,209	66,192	66,556	67,194	67,396	67,953	67,682	67,400	67,219
Virginia	803,791	810,577	816,864	820,097	820,302	814,557	809,098	806,223	805,047
Washington	650,491	658,729	663,415	664,904	664,304	660,185	657,320	655,817	657,446
West Virginia	169,284	171,359	172,438	172,878	171,182	166,916	162,392	158,509	156,849

State Indicators

State	2010	2011	2012	2013	2014	2015	2016	2017	2018
Wisconsin	549,751	553,223	558,509	563,342	565,612	564,826	561,771	555,741	551,765
Wyoming	56,331	56,256	57,752	58,641	57,268	56,217	54,696	52,775	52,367
Puerto Rico	375,882	374,648	372,223	368,701	360,590	348,791	336,653	322,685	304,186

Science and Engineering Indicators